

REMARKS

Claims 1 and 5-13 are now present in this application.

Claims 1 and 5-13 have been amended, and claims 2-4 have been cancelled without prejudice or disclaimer of the subject matter contained therein. Reconsideration of the application, as amended, is respectfully requested.

Claims 1-13 stand rejected under 35 USC 112, second paragraph. This rejection is respectfully traversed.

In view of the foregoing amendments, in which the word "type" has been removed from all claims, it is respectfully submitted that the claims particularly point out and distinctly claim the subject matter of the instant invention. Reconsideration and withdrawal of the 35 USC 112, second paragraph rejection are respectfully requested.

Claims 1-13 stand rejected under 35 USC 102(b) as being anticipated by Noguchi, U.S. Patent 6,428,862. This rejection is respectfully traversed.

Claims 1-13 stand rejected under 35 USC 103 as being unpatentable over Noguchi. This rejection is respectfully traversed.

Claims 1-13 stand rejected under 35 USC 102(e) as being anticipated by Noguchi. This rejection is respectfully traversed.

Independent claim 1 sets forth the limitation, "wherein the reactive surfactant comprises polyoxyethylene polyaryl phenyl ether, or nonylphenyl amine salt." Examples 1 and 3 of the present invention disclose the use of MS-60 serving as a reactive surfactant, and Example 2 of the present invention discloses the use of REM-10 serving as a reactive surfactant. As shown in Appendix I attached hereto, the web site <http://www.sjc.com.tw/traditional/products/>

[applications/app5b.asp#](#) lists the MS-60, and as shown in Appendix II attached hereto, the web site <http://www.hsinsou.com.tw/hsinsou-rem.htm> lists the REM-A10, wherein MS-60 comprises polyoxyethylene polyaryl phenyl ether and REM-A10 comprises nonylphenyl amine salt. It is respectfully submitted that no new matter is present in the foregoing amendments to the claims.

Since the presently claimed inkjet ink composition comprises polyoxyethylene polyaryl phenyl ether or nonylphenyl amine salt serving as a reactive surfactant, the inkjet ink composition exhibits good water fastness. It is respectfully submitted that Noguchi does not teach or suggest an ink composition comprising polyoxyethylene polyaryl phenyl ether and nonylphenyl amine salt (serving as a reactive surfactant), as is disclosed in the present application. Reconsideration and withdrawal of the 35 USC 102(b), 102(e) and 103 rejections are therefore respectfully requested.

Favorable reconsideration and an early Notice of Allowance are earnestly solicited.

Because the additional prior art cited by the Examiner has been included merely to show the state of the prior art and has not been utilized to reject the claims, no further comments concerning these documents are considered necessary at this time.

In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), the Applicants respectfully petition for a one (1) month extension of time for filing a response in connection with the present application and the required fee of \$120.00 is attached herewith.

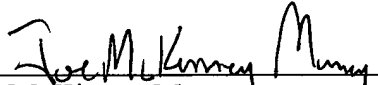
Application No. 10/705,943
Amendment dated April 6, 2006
Reply to Office Action of December 6, 2005

Docket No.: 0941-0866P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Dated: April 6, 2006

Respectfully submitted,

By 
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中日合成化學
SINO-JAPAN CHEMICAL

Products Search

產品應用

產品系統

公司介紹

產品總覽

技術及新品介紹

專題報導

客戶服務

友站連結

產品總覽

合成橡膠、樹脂工業

本公司爲了減低皮革業者對國外助劑產品之依賴，積極不斷投入可觀的人力、物力用之脫脂、浸水、浸灰、均銘、均染、染料滲透、加脂、潤濕、樹脂滲透、分散、

● 乳化聚合乳化劑可分爲傳統非離子、陰離子性及反應型乳化劑

● 非離子性乳化劑

產品名稱	用途	
SINOPOL 900 系	可單獨與VINYL ACETATE系、(METH) ACRYLATE乳液使用，或與陰離子並用。因爲品種多，可選擇最適合之HLB使用，HLB較大者，乳液對多價陽離子之抵抗性較佳。	<input type="checkbox"/> 964 <input type="checkbox"/> 9 <input type="checkbox"/> 906 <input type="checkbox"/> 9
SINOPOL 800系		<input type="checkbox"/> 864 <input type="checkbox"/> 8
SINOPOL 700系	可單獨或與其他陰離子乳化劑並用，使用在VINYL ACETATE系、(METH) ACRYLATE系乳液，可得低起泡性、化學安定性、顏料分散性佳之乳液。	<input type="checkbox"/> 707 <input type="checkbox"/> 7
SINOPOL 1120		
SINOPOL 1800 系	可單獨或與其他陰離子乳化劑並用，使用在VINYL ACETATE系、(METH) ACRYLATE系乳液。	<input type="checkbox"/> 1820 <input type="checkbox"/>
SINOPOL 25		
SINOPOL 85		

● 陰離子性界面活性劑

產品名稱	用途	
SINONATE 271A	適合(METH)ACRYLATE乳液、合成橡膠LATEX、偏聚乳化劑。可得機械安定性、化學安定性、無機物混合性又塗料可得高固成分化效果之乳化劑。	
SINONATE 290MH	優良潤滑作用之界面活性劑，在(METH)ACRYLATE乳液或非離子系並用，可得表面張力低、潤濕性優之乳液	
SINONATE 293	高固成份乳液(黏著劑組成)用乳化劑，安定性好、黏度	
SINONATE EHD系	黏著劑用潤滑劑	
SINONATE 962SF		
SINONATE 960 SN	可單獨與VINYL ACETATE系、(METH)ACRYLATE乳	

SINONATE 960SF
SINONATE 916SN

離子並用。使用916SN 可增加凝集力(黏著力處方)。

SINONATE 707SF

700系乳化劑起泡低，乳液和顏料混合性、耐水性良好

● 反應型乳化劑



產品名稱

用途

SINONATE MS-60

耐水性、耐溶劑性、密著性、顏料分散性優良之
乳化劑，亦可做帶電防止劑、防霧劑等高分子改
質用之反應型乳化劑

SINONATE MS-2N

離子性共單體，與707SF併用，聚合安定性良
好，可得耐水性、耐藥品性優、低起泡性之乳液

SINOPOL RA 系

持有馬來酸基、CARBOXYL基之乳化劑。界面
架橋型乳化劑



SINOTEX RF-751

持有ALLYL基陽離子型反應性乳化劑

SINOPOL RMA 系

含ACRYLOYL基非離子反應性乳化劑



SINOPOL RMA-1120

METHACRYLOYL基非離子反應性乳化劑

SINOPOL MA 系

樹脂改質劑



SINOPOL MPG-130MA

酯型樹脂改質劑

SINOPOL RMA 系



RA-423

VINYL ACETATE、ACRYLATE、VINYL
CHLORIDE、STYRENE/BUTADIENE 樹脂，
乳化聚合之共乳化劑

▶ 聚合後分散劑、乳化劑、潤濕劑



產品名稱

用途

SINONATE SH-50

分散劑、潤濕劑

SINONATE 960SN

分散劑、潤濕劑、抗靜電劑、模具用潤滑劑

SINONATE 962SF
SINONATE 960SF

分散劑、潤濕劑、抗靜電劑、模具用潤滑劑

SINONATE H14N
SINONATE H15N

分散劑、增稠劑

SINOPOL 170I

分散劑、乳化劑、潤濕劑

SINONATE 290MH

潤濕、分散、抗靜電劑

SINOPOL 20
SINOPOL 40
SINOPOL 60

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SINOPOL 80	
SINOPOL 25	
SINOPOL 45	潤濕、分散、乳化劑
SINOPOL 65	
SINOPOL 85	
SINOTEX CDB	陽性膠乳分散劑
SINOPOL 1105H	潤濕劑、滲透劑

▶ 潤滑劑

	產品名稱	用途
	SINOL T302	潤滑劑

▶ 抗靜電劑

	產品名稱	用途
	SINONATE 19P	
	SINONATE E8002P	
	SINONATE 1100HP	
	SINONATE 9620P	
	SINONATE TL-179NH	
	SINOPOL 1807	
	SINOPOL 60	
	SINONATE 180I	
	SINOCHEM GMS	抗靜電劑內部練入型
	SINOPOL E-10000DS	
	SINOPOL 402	
	SINOPOL 407	
	SINOPOL 402ST	
	SINOTEX CDB	
	SINOTEX L7	
	SINOTEX R2	
	SINOPOL 3005	
	SINONOTE 19P	
	SINONOTE E8002P	

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SINOPOL 1807

SINOPOL 60

SINOPOL 180I

SINOCHEM GMS

抗靜電劑外部塗裝型

SINOPOL E-10000DS

SINOPOL 402

SINOPOL 407

SINOPOL 402ST

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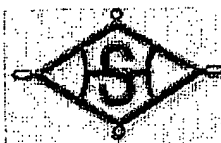
http://www.sjc.com.tw - 產品規格說明 - Microsoft Internet Explorer

SINOPOL 609

項目	規格
組成	Polyoxyethylene polyaryl Phenyl ether
外觀 30℃	Liquid
色相	A-250 Max
水分	0.5 Max
PH 1%aq	5-7
比重 30℃	1.095-1.115

關閉視窗

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信守化工股份有限公司
上海信守助劑有限公司
HSIN SOU CHEMICAL CO., LTD.

反應型乳化劑

適用於塗料、紙、纖維、建築等業界之接著、黏著及塗佈劑之乳化劑應用。

品 名	組成構造	離子性	說 明
Hsinsou REM-A05 Hsinsou REM-A10	壬酚型氨鹽反應性界面活性劑	陰	<ul style="list-style-type: none"> • 與單體相容性佳，無傳統乳化劑遷移現象 • 塗膜接著性、耐水性佳 • 低泡沫、消泡快 • 耐候性佳、耐機械性佳 • 減少廢水
Hsinsou REM-S05 Hsinsou REM-S10	壬酚型鈉鹽反應性界面活性劑	陰	<ul style="list-style-type: none"> • 與單體相容性佳，無傳統乳化劑遷移現象 • 塗膜接著性及耐水性佳 • 低泡沫、消泡快 • 耐候性佳、耐機械性佳 • 減少廢水

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